

CCSM Whole Atmosphere Working Group Meeting

22 February 2010

National Center for Atmospheric Research, Boulder, Colorado

Mesa Lab – Main Seminar Room

- 9:00 [Dan Marsh](#) – Welcome and WACCM Status Update
- 9:20 Doug Kinnison – WACCM Participation in SPaRC CCMVal and WMO 2010: An Update
- 9:35 [Jadwiga Richter](#) – Influence of El Nino and the QBO on the Frequency of Sudden Stratospheric Warmings
- 9:50 [Simone Tilmes](#) – Representation of Tracer Gradients across the Extra-tropical Tropopause in WACCM
- 10:00 [Laura Pan](#) – UTLS Transport Studies using START08 Observations and SD wacm Run Results
- 10:15 *Break*
- 10:45 [Natalia Calvo](#) – WACCM and TRODIM (Diagnostics and Modeling of the Extratropical Tropopause)
- 11:00 [Aimee Merkel](#) – Modeling the SORCE Solar Variability in WACCM
- 11:15 [Lynn Harvey](#) – WACCM and WACCM/CARMA Studies at CU Boulder
- 11:45 [Stan Solomon](#) – Prospects for Coupling WACCM to Magnetospheric and Space Weather Models
- 12:00 *Lunch*
- 1:30 [Michael Mills](#) – WACCM/CARMA Studies of Sulfate and Polar Mesospheric Clouds
- 1:45 [Elizabetta Pierazzo](#) – Quantifying the Perturbation of Atmospheric Chemistry from Medium-size Asteroid Impacts in the Ocean
- 2:00 Dan Marsh – Discussion
- 2:30 [Aaron Ridley](#) – Using WACCM to Drive a Global Ionosphere Thermosphere Model
- 2:45 *Break*
- 3:00 [Chih-Chieh \(Jack\) Chen](#) – Effects of Momentum and Energy Conservation in a High-lid General Circulation Model
- 3:15 Aiguo Dai – The Surface-pressure Signature of Atmospheric Tides in Modern Climate Models
- 3:30 [Fabrizio Sassi](#) – High-altitude Data Assimilation/forecast Activities at NRL-DC
- 3:45 [Xianghui Xue](#) – Generating QBO in WACCM using Parameterized Inertial Gravity Waves
- 3:45 [Aaron Ridley](#) – Impression of WACCM from the Outside
- 4:00 [Juan Fontenla](#) – Progress on Physical Modeling of the Solar Spectral Irradiance
- 4:15 Aaron Ridley – Discussion
- 5:00 *Adjourn*